

AS

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

G47-002

In Re Application Of: Jonas Elliott GERSON and Donald Franklin GERSON

MAR 22 2002

Serial No

10/039,195

Filing Date

January 2, 2002

Examiner

NA

Group Art Unit

2621

Title:

**DESIGNING TREAD WITH FRACTAL CHARACTERISTICS**

Address to:

**Assistant Commissioner for Patents  
Washington, D.C. 20231**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

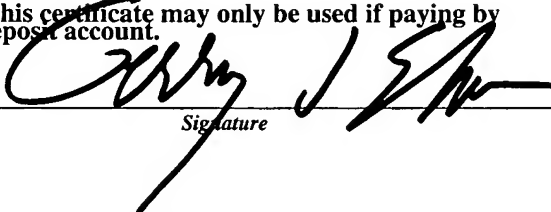
**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

- ☐ the statement specified in 37 CFR 1.97(e);

**OR**

- ☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. G47-002
In Re Application: Jonas Elman GERSON and Donald Franklin GERSON			
Serial No. 10/039,195	Filing Date January 2, 2002	Examiner NA	Group Art Unit 2621
DESIGNING TREAD WITH FRACTAL CHARACTERISTICS			
<b>Payment of Fee</b> (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))			
<input type="checkbox"/> A check in the amount of _____ is attached.			
<input type="checkbox"/> The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. _____ as described below. A duplicate copy of this sheet is enclosed.			
<input type="checkbox"/> Charge the amount of _____			
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<div>I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F _____ ) (Date) _____ Signature _____ Typed or Printed Name of Person Signing Certificate _____</div>		<div>I certify that this document and fee is being deposited with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. Signature of Person Mailing Correspondence _____ Typed or Printed Name of Person Mailing Certificate _____</div>	
<p>*This certificate may only be used if paying by deposit account.</p> <div>Signature:  Dated: March 22, 2002</div>			
Gerry J. Elman, Reg. No. 24, 404 Elman & Associates, Customer no. 003775 Express Mail EL 589 079 484 US			
CC:			



*Express Mail EL 589 079 484 US*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re U.S. Patent Application No.: **10/039,195**

Applicant(s): **Jonas Elliott GERSON and Donald Franklin GERSON**

Title: **DESIGNING TREAD WITH FRACTAL CHARACTERISTICS**

Filed: **January 2, 2002**

Art Unit: **2621**

Atty Docket No. **G47-002**

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BOX MISSING PARTS

Commissioner for Patents

Washington D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 CFR § 1.56, applicants submit herewith the identification of patents, publications or other information of which they are aware, which they believe may be material to patentability and in respect of which there may be a duty to disclose.

Applicants respectfully requests that the information enclosed herein be considered by the examiner in the above captioned application and be made of record therein.

The information enclosed herewith is submitted in accordance with **37 CFR § 1.97(b)**, and no fee is required for consideration of the information disclosure statement. However, any fee deficiency may be charged to deposit account **05-0845**.

A list of the patent(s) and/or publication(s) is set forth on the attached Form PTO-1449. A copy of each reference cited is enclosed herewith.

Inclusion of a reference in this Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such, nor that any cited reference discloses anything other than what is shown and stated therein.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists.

Application No.: 120,039,195  
Information Disclosure Statement

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In accordance with 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b).

This statement is made by the attorney who signs below on the basis of the information supplied by the inventors and the information in the attorney's file.

**ACCOMPANYING THIS STATEMENT ARE:**

- \* Form PTO-1449 comprising two page(s);
- \* a copy of nine reference(s) cited on Form PTO-1449;

Respectfully submitted,



Gerry J. Elman  
Attorney of Record  
Registration No. 24,404  
ELMAN & ASSOCIATES  
Customer No. 003775

Date: March 22, 2002

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

MAR 22 2002

Docket Number (Optional)

G47-002

Application Number

10/039,195

Applicant(s)

Jonas Elliott GERSON and Donald Franklin GERSON

Filing Date

January 2, 2002

Group Art Unit

2621

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,814,718	09/1998	Andresen et al	73	9	
		5,859,919	01/1999	Holland et al	382	108	

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Majumdar, A. and Bhushan, B. Fractal Model of Elastic-Plastic Contact Between Surfaces. Journal of Tribology. 113:1-11, 1991.
		Majumdar, A. and Bhushan, B. Role of Fractal Geometry in Roughness Characterization and Contact Mechanics of Surfaces. Journal of Tribology. 112:205-216, 1990.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Majumdar, A. and Tien, C.L. Fractal Characterization and Simulation of Rough Surfaces. Wear. 136:313-327, 1990.

Pullen J. and Williamson, J.B.P. On the plastic contact of rough surfaces. Proc. Roy. Soc. London A. 327:159-173, 1972.

Stachowiak, G.W. and Batchelor, A.W. . Fundamentals of Contact Between Solids. Engineering Tribology, Elsevier, NY. Chapter 10, 527-556, 1994.

Sayles, R.S. and Thomas, T.R. The Spatial Representation of Surface Roughness by Means of the Structure Function: A Practical Alternative to Correlation. Wear. 42:263-276, 1977.

Whitehouse, D.J and Archard, J.F. The properties of random surfaces of significance in their contact. Proc. Roy. Soc. Lond. A. 316, 97-121, 1970.

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